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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/973,038	10/10/2001	Takeshi Ono	50195-270	5054

7590 08/25/2005

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Washington, DC 20005-3096

EXAMINER

PIERRE, MYRIAM

ART UNIT	PAPER NUMBER
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2654

DATE MAILED: 08/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/973,038	Applicant(s) ONO ET AL.	
	Examiner Myriam Pierre	Art Unit 2654	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on Amendment filed 04/27/2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. P2000-312076.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicants arguments, see pages 9-16, filed 04/27/2005 regarding the Office Action of 12/27/2004. Amendment to the specification, drawings and newly added claims 10-17, cancelled claims 1-9.

Response to Argument

2. Applicant's arguments with respect to claims 10-17 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 10-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Mikio (JP 11-351901 Translated text attached).

As to claim 10, Mikio teaches a speech collecting device collecting a set of words spoken by a driver (page 2 paragraph 10);
a storing section (data storage) storing preliminarily a set of recognition words (key words) used for speech recognition and a set of operation patterns

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(index or category), associated with the recognition words, for an output device (page 2 paragraphs 11, 15; and page 6 paragraph 46; page 3 paragraph 19); and

a searching section (setting out means) searching a recognition word, which has the highest matching degree with a spoken word (demand presumption means), from the set of recognition words (page 2 paragraph 12, 15, page 3 paragraphs 18, 20-23).

a mode setting section setting (operation gestalt) a registration mode for registering a new recognition word used for the speech recognition and an operation pattern associated with the new recognition word in the storing section (operation gestalt, utterances...memorizes a dialog database, (thus new recognition words are inherent in memorizing dialog) page 5 paragraph 37-38, page 3 paragraphs 10, 21; page 2 paragraph 11; page 10 paragraph 76-77);

a communication unit communicates with a base station having a word database (page 2 paragraph 9);

an input device inputting various information for communicating with the base station (internet) via the communication unit (wireless) (page 2 paragraphs 7-9);

an operation setting (activity setting) section setting an operation pattern to a new recognition word on the basis of information obtained by the communication with the base station under the registration mode (page 1 paragraph 9, 11 and page 3 paragraph 21);

a registration section (ignition switch, page 10 paragraph 76) registering the new recognition word and the operation pattern associated with the new

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recognition word set by the operation setting section in the storing section (page 2 paragraph 12 and page 3 paragraph 18);

a control section controlling the output device on the basis of an operation pattern associated with a recognition word searched by the searching section (page 2 paragraph 9); and

wherein the searching section serves to search for the new recognition word stored in the storing section under the registration mode with higher priority than the set of recognition words stored preliminarily in the storing section (page 1 paragraph 11-12, 15 and page 3 paragraphs 20-25, 29);

As to claim 11, Mikio teaches the input device includes a keyboard (page 2 paragraph 10) and

the setting section serves to allocate an operational pattern to a new recognition word selected from information inputted by the keyboard under the registration mode (page 1 paragraph 10, 12; and page 3 paragraphs 18, 20-22);

As to claim 12, Mikio teaches the setting section is able to access the word database of the base station via the communication unit for thereby setting an operational pattern to a recognition word in the word database (page 2 paragraphs 9 and 12; and page 3 paragraph 18);

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As to claim 13, Mikio teaches the setting section is able to set an icon (gestalt) to a new recognition word registered under the registration mode (ignition switch) (page 7 paragraph 55; and page 10 paragraph 76);

As to claim 14, Mikio teaches the output device includes a display (page 2 paragraph 9)

the control section allows the display to display a set of the new registration word and an associated icon associated with the new recognition word on the basis of the operation pattern set by the operation setting section (page 10 paragraph 76, page 3 paragraph 18, 20-23, and page 7 paragraph 52).

As to claim 15, Mikio teaches means collecting a set of words spoken to a driver (page 2 paragraph 9);

means storing preliminarily a set of recognition words used for speech recognition and a set of operational patterns, associated with the recognition words, of an output means (page 2 paragraphs 9 and 12);

means searching a recognition word, which has the highest matching degree with a spoken word, from the set of recognition word (page 2 paragraph 15, page 3 paragraphs 18, 20-23);

means setting a registration mode for registering a new recognition word used for the speech recognition and an operation pattern associated with the new recognition word in the storing means (page 2 page 12 and page 3 paragraph 18);

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means communicating with a database station having a word database
(page 2 paragraph 9);

means inputting various information for communicating with the base
station (internet) via the communication unit (wireless) (page 2 paragraph 9)

means setting an operation pattern to a new recognition word on the basis
of information obtained by the communication with the base station under the
registration mode (page 2 paragraph 9, page 3 paragraphs 18, 20-23)

means registering the new recognition word and the operation pattern
associated with the new recognition set by the setting means in the storage
means (page 2 paragraphs 12 and page 3 paragraph 18);

means controlling the output means on the basis of the operation pattern
associated with a recognition word searched by the searching means (page 2
paragraphs 9-12);

wherein the searching means serves to search for the new recognition
word stored in the storing means under the registration mode with higher priority
than the set of recognition words stored preliminarily in the storing means (page
2 paragraph 9, page 3 paragraphs 18, 20-23);

As to claims 16-17, Mikio teaches collecting a set of words spoken by a
driver (page 2 paragraph 10);

storing preliminarily a set of recognition words used for speech recognition
and a set of operational patterns, associated with the recognition words, of an
output device (page 2 paragraph 9, 15 and page 3 paragraphs 18, 20-23)

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searching a recognition word, which has the highest matching degree with a spoken word, from the set of recognition words (page 2 paragraph 9, page 3 paragraphs 18, 20-23);

setting a registration mode for registering a new recognition word used for the speech recognition and an operational pattern associated with the new recognition word (page 2 paragraph 12 and page 3 paragraphs 20-23);

communicating with a base station having a word database (page 2 paragraph 10);

inputting various information for communicating with the database (page 2 paragraph 12 and page 3 paragraphs 18, 20-23);

setting an operational pattern to a new registration word on the basis of inputted information in the communication step (page 2 paragraph 12);

registering the new recognition word and the operation pattern associated with the new recognition word set in the setting step (page 2 paragraph 9, page 3 paragraphs 18, 20-23)

controlling the output device on the basis of the operational pattern associated with a recognition word searched in the searching step (page 2 paragraph 9-13);

wherein in the searching step the new recognition word registered in the registering step under the registration mode is searched with higher priority than the set of recognition words stored in the storing step (page 4 paragraph 31; page 5 paragraph 37; page 2 paragraph 9-12 and page 3 paragraph 20-23)

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Myriam Pierre whose telephone number is 571-272-7611. The examiner can normally be reached on Monday - Friday from 5:30 a.m. - 2:00p.m.

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1. If attempts to reach the examiner by telephone are unsuccessful, the examiner's


supervisor, Richemond Dorvil can be reached on (571) 272-7602. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

2. Information as to the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

08/16/2005

MP


VIJAY CHAWAN
PRIMARY EXAMINER